

(19)



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(11)



EP 1 091 506 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
16.05.2001 Bulletin 2001/20

(51) Int. Cl.<sup>7</sup>: H04B 7/185

(43) Date of publication A2:  
11.04.2001 Bulletin 2001/15

(21) Application number: 00810686.6

(22) Date of filing: 31.07.2000

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 01.10.1999 EP 99810890

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### (54) A hybrid CDMA and TDMA radio access scheme for personal satellite communication systems

(57) To accomplish the object of high user capacity and high power efficiency, the invention is characterized in that the base station transmits control information in the forward link to each of the at least one user terminals for enabling the user terminal to transmit its signals in the return link in a mode to reach signal arrival at the base station that is quasi-synchronous with respect to the time and frequency reference in the base station.

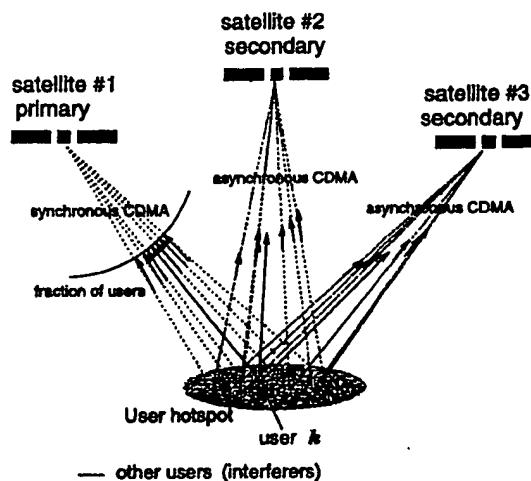


Fig. 9-1



## EUROPEAN SEARCH REPORT

Application Number  
EP 00 81 0686

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
MUNICH	13 March 2001	Staeger, R	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the Invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document	
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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MUNICH		13 March 2001	Staeger, R
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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